

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES LETTERS PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS AND APPARATUS FOR REAL-TIME BUSINESS VISIBILITY USING  
PERSISTENT SCHEMA-LESS DATA STORAGE**

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on:

as Application No.:

and was amended on:

(if applicable).

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

## FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(check one)

- ☒ no such foreign applications have been filed.
- ☐ such foreign applications have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS  
FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(s)

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

(check one)

- ☐ no such U.S. provisional applications have been filed.
- ☒ such U.S. provisional applications have been filed as follows:

Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119(e)
60/291,185	May 15, 2001	___ Yes    No ___
60/324,037	September 21, 2001	___ Yes    No ___
		___ Yes    No ___

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(s)

I hereby claim the benefit under Title 35, United States Code §120, of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

(check one)

- ☐ no such U.S./PCT applications have been filed.
- ☒ such U.S./PCT applications have been filed as follows:

Application Number	Date of Filing (month,day,year)	Status (Patented/Pending/Abandoned)
09/917,264	July 27, 2001	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Ronald E. Cahill	Reg. No. 38,403	Lisa J. Michaud	Reg. No. 44,238
Thomas J. Engellenner	Reg. No. 28,711	Michael I. Falkoff	Reg. No. 30,833
William C. Geary III	Reg. No. 31,359	Tram Anh T. Nguyen	Reg. No. 47,257
Reza Mollaaghababa	Reg. No. 43,810	David J. Powsner	Reg. No. 31,868
Herbert A. Newborn	Reg. No. 42,031		

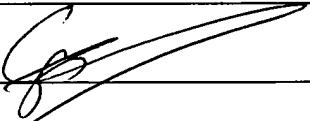
all of Nutter McClennen & Fish, LLP, One International Place, Boston, Massachusetts 02110-2699, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

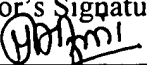
Please mail correspondence to: David J. Powsner  
at **Customer Number 021125**, whose address is:

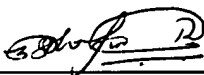
Nutter McClennen & Fish, LLP  
One International Place  
Boston, Massachusetts 02110-2699

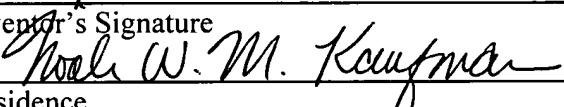
Please direct telephone calls to: David J. Powsner  
at (617)439-2717.

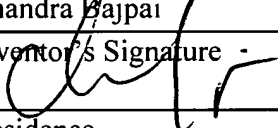
Please direct facsimiles to: (617)310-9717

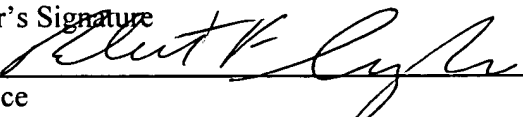
Full name of sole or first joint inventor Colin P. Britton	
Inventor's Signature 	Date 10/19/01
Residence 17 Pheasant Lane, Lexington, Massachusetts 02421	
Country of Citizenship United Kingdom	
Post Office Address (required) same as above	

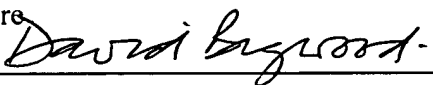
Full name of sole or first joint inventor Amir Azmi	
Inventor's Signature 	Date 10/19/2001
Residence 158 Concord Road, Apt. #K-09, Billerica, Massachusetts 01821	
Country of Citizenship India	
Post Office Address (required) same as above	

Full name of sole or first joint inventor Ashok Kumar	
Inventor's Signature 	Date 10/19/2001
Residence 447 Boston Post Road East, Apt. #96, Marlborough, Massachusetts 01752	
Country of Citizenship India	
Post Office Address (required) same as above	

Full name of sole or first joint inventor Noah W. Kaufman	
Inventor's Signature 	Date 10/19/2001
Residence 66C Hampshire Street, Cambridge, Massachusetts 02139	
Country of Citizenship US	
Post Office Address (required) same as above	

Full name of sole or first joint inventor Chandra Bajpai	
Inventor's Signature 	Date 10/19/01
Residence 21 Pamela Road, Natick, Massachusetts 01760	
Country of Citizenship US	
Post Office Address (required) same as above	

Full name of sole or first joint inventor Robert F. Angelo	
Inventor's Signature 	Date 10/19/2001
Residence 4 Southwest Circle, Sudbury, Massachusetts 01776	
Country of Citizenship US	
Post Office Address (required) same as above	

Full name of sole or first joint inventor David Bigwood	
Inventor's Signature 	Date 10/19/2001
Residence 324 Concord Avenue, Lexington, Massachusetts 02421	
Country of Citizenship United Kingdom	
Post Office Address (required) same as above	